# New junction boxes with ¼ turn screws

1SLC806001B0201

*Faster installation for a full protection*

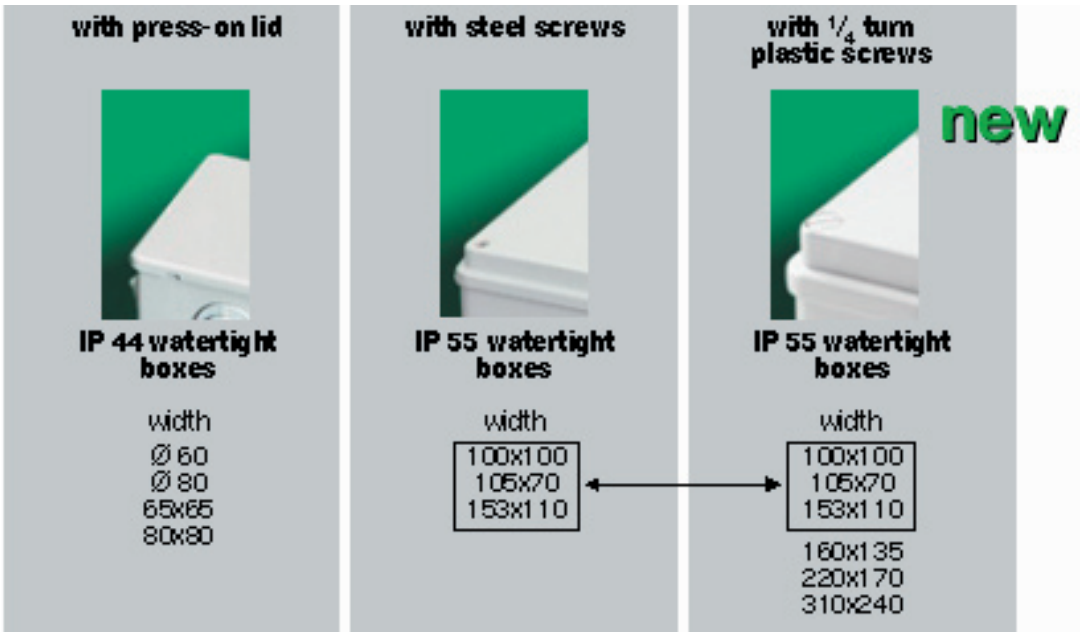




The high level of reliability which characterises the various models of boxes supplied by ABB SACE perfectly meets the need for watertight enclosures which guarantee complete protection in any situation where wall-mounted junction boxes are required.
To further enhance the existing range, ABB SACE has introduced the new IP55 watertight boxes with **¼ turn plastic closing screws**. Installation is much quicker thanks to the new captive screws, which make the various opening/closing operations simpler and faster. All of the watertight boxes with ¼ turn screws also have a hinged cover and new laser markings indicating the IP protection rating on the product.

ABB SACE watertight boxes with IP55 protection rating are made of self-extinguishing thermoplastic resistant to abnormal heat and fire up to 960°C (glow wire test) according to IEC 60695-2-1 standards. The range is extremely versatile: there are versions with smooth sides or with cable holder inlets, with opaque covers (grey RAL 7035) or transparent ones, high or low. The base of the box has special seats for securing terminal boards and various accessories. The boxes consist of a patented cover produced with the seal during a single moulding stage.

All of the junction boxes have obtained the IMQ approval mark and are made in conformity with CEI 23-48 and IEC 60670 standards.




| Code | Internal dimensions WxHxD (mm) | Description | Box/pack no items |
|---|---|---|---|
| **Boxes IP44** | | | |
| 00 800 | ø 60 - H 35 | With cable glands and press-on lid | 240/240 |
| 00 802 | ø 80 - H 40 | With cable glands and press-on lid | 144/144 |
| 00 808 | 65x65x32 | With cable glands and press-on lid | 168/168 |
| 00 810 | 80x80x40 | With cable glands and press-on lid | 100/100 |
| **IP55 watertight boxes with steel screws** | | | |
| 00 816 | 100x100x50 | With cable glands and low cover grey RAL 7035 | 1/54 |
| 00 820 | 105x70x50 | With cable glands and low cover grey RAL 7035 | 1/70 |
| 00 821 | 100x100x80 | With cable glands and low cover grey RAL 7035 | 1/40 |
| 00 822 | 153x110xP66 | With cable glands and low cover grey RAL 7035 | 1/32 |
| 00 846 | 100x100x50 | With smooth sides and low cover grey RAL 7035 | 1/60 |
| 00 850 | 105x70x50 | With smooth sides and low cover grey RAL 7035 | 1/100 |
| 00 851 | 100x100x80 | With smooth sides and low cover grey RAL 7035 | 1/40 |
| 00 852 | 153x110x66 | With smooth sides and low cover grey RAL 7035 | 1/32 |
| 00 872 | 153x110x 66 | With smooth sides and low tansparent cover | 1/34 |

| Code | Internal dimensions WxHxD (mm) | Description | Box/pack no items |
|---|---|---|---|
| **IP55 watertight boxes with ¼ turn plastic screws** | | | |
| 1SL0816A00 | 100X100X50 | With cable glands and low cover grey RAL 7035 | 1/54 |
| 1SL0820A00 | 105X70X50 | With cable glands and low cover grey RAL 7035 | 1/70 |
| 1SL0821A00 | 100X100X80 | With cable glands and low cover grey RAL 7035 | 1/40 |
| 1SL0822A00 | 153X110X66 | With cable glands and low cover grey RAL 7035 | 1/32 |
| 1SL0824A00 | 160X135X77 | With cable glands and low cover grey RAL 7035 | 1/18 |
| 1SL0826A00 | 220X170X80 | With cable glands and low cover grey RAL 7035 | 1/12 |
| 1SL0828A00 | 310X240X110 | With cable glands and low cover grey RAL 7035 | 1/6 |
| 1SL0846A00 | 100X100X50 | With smooth sides and low cover grey RAL 7035 | 1/60 |
| 1SL0850A00 | 105X70X50 | With smooth sides and low cover grey RAL 7035 | 1/100 |
| 1SL0851A00 | 100X100X80 | With smooth sides and low cover grey RAL 7035 | 1/40 |
| 1SL0852A00 | 153X110X66 | With smooth sides and low cover grey RAL 7035 | 1/32 |
| 1SL0854A00 | 160X137X77 | With smooth sides and low cover grey RAL 7035 | 1/24 |
| 1SL0856A00 | 220X170X80 | With smooth sides and low cover grey RAL 7035 | 1/12 |
| 1SL0858A00 | 310X240X110 | With smooth sides and low cover grey RAL 7035 | 1/6 |
| 1SL0872A00 | 153X110X66 | With smooth sides and low transparent cover | 1/34 |
| 1SL0874A00 | 160X135X77 | With smooth sides and low transparent cover | 1/24 |
| 1SL0876A00 | 220X170X80 | With smooth sides and low transparent cover | 1/12 |
| 1SL0878A00 | 310X240X110 | With smooth sides and low transparent cover | 1/6 |
| 1SL0830A00 | 160X135X150 | With cable glands and high cover grey RAL 7035 | 1/16 |
| 1SL0832A00 | 220X170X150 | With cable glands and high cover grey RAL 7035 | 1/8 |
| 1SL0834A00 | 310X240X160 | With cable glands and high cover grey RAL 7035 | 1/4 |
| 1SL0860A00 | 160X135X150 | With cable glands and high cover grey RAL 7035 | 1/16 |
| 1SL0862A00 | 220X170X150 | With cable glands and high cover grey RAL 7035 | 1/8 |
| 1SL0864A00 | 310X240X160 | With cable glands and high cover grey RAL 7035 | 1/4 |
| 1SL0880A00 | 160X135X150 | With smooth sides and high transparent cover | 1/16 |
| 1SL0882A00 | 220X170X150 | With smooth sides and high transparent cover | 1/8 |
| 1SL0884A00 | 310X240X160 | With smooth sides and high transparent cover | 1/4 |



Due to possible developments of standards as well as of materials, the characteristics and dimensions specified in this document may only be considered binding after confirmation by ABB SACE.

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Tipografia

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